

Sub B1 *A1*

a pultruded floor panel attached to a lower end of the vertical panels; and
a pultruded ceiling panel attached to an upper end of the vertical panels, wherein
said vertical, floor, and ceiling panels include opposing substantially planar sheets
attached to a plurality of spaced support members disposed between the sheets.

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3. The enclosure of claim 2, further comprising a plurality of pultruded fiber resin
angle members for bonding the longitudinal wall panels to the lateral wall panels at
perpendicular interconnections therebetween.

Sub B1 *A3*

6. An enclosure for underground use having a plurality of prefabricated panels
formed of a fiber resinous composite matrix, comprising:
a plurality of interconnecting vertical panels;
a floor panel attached to a lower end of the vertical panels; and
a ceiling panel attached to an upper end of the vertical panels, wherein said
vertical, floor, and ceiling panels include opposing substantially planar sheets attached
to a plurality of spaced support members disposed between the sheets; wherein the
plurality of vertical panels comprises opposing longitudinal wall panels and opposing
lateral wall panels; a plurality of connectors for joining adjacent lateral wall panels and
adjacent longitudinal wall panels, wherein the lateral wall panels and the longitudinal
wall panels include ends for interconnecting with said connectors.

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9. An enclosure for underground use having a plurality of prefabricated panels
formed of a fiber resinous composite matrix, comprising:
a plurality of interconnecting vertical panels;
a floor panel attached to a lower end of the vertical panels; and
a ceiling panel attached to an upper end of the vertical panels, wherein said
vertical, floor, and ceiling panels include opposing substantially planar sheets attached

(J) to a plurality of spaced support members disposed between the sheets; wherein said vertical, floor, and ceiling panels comprise, by weight at least 40% fiberglass.

Please add new claims 29-40, as follows:

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(J)

X

29. The enclosure of claim 1, wherein the plurality of pultruded panels includes a unidirectional roving therein the fiber resinous composite matrix for increasing a stiffness of said panels.

30. The enclosure of claim 1, wherein said vertical wall panels, floor panels and ceiling panels comprise at least 40% fiberglass as measured by weight.

31. The enclosure of claim 1, further comprising a plurality of vertically disposed pultruded connectors interposed between adjacent vertical wall panels for bounding together, said connectors having opposed receiving pockets configured to receive and seal an interior of said enclosure.

32. The enclosure of claim 7, wherein the bands of fibers are configured to seal an interior of said enclosure.

33. The enclosure of claim 8, wherein the connectors further comprise a two receiving pockets being opposed longitudinally.

34. A vault assembly for a substantially subterranean environment, a plurality of fiber reinforced pultruded panels configured for being bonded together, said pultruded panels including a plurality of integral spaced support members disposed between two opposing panel surfaces defining a plurality of spaced interstitial pockets interposed therebetween, the vault system comprising:

a plurality of vertical wall panels configured to be interconnected therebetween;

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a floor panel configured for fixedly bonding to a lower end of the vertical wall panels; and

a ceiling panel configured for fixedly bonding to an upper end of the vertical wall panels to define an interior enclosure.

35. The vault assembly of claim 34, wherein the support members further comprises a web member interposed between two opposing flange members.

36. The vault assembly of claim 35, wherein at least one of the vertical wall panels are formed as an unitary pultruded wall panel.

37. The vault assembly of claim 36, wherein the unitary pultruded panel includes a plurality of fibers being unidirectional along said web member and said opposing panels.

38. The vault assembly of claim 35, wherein each of the pultruded panels comprise 50% fiber material by weight.

39. The vault assembly of claim 38, wherein each of the pultruded panels comprise 40% fiber material by weight.

40. The vault assembly of claim 34, further comprising a plurality of pultruded angle components for bonding the vertical wall panels to the floor panels and the ceiling panels, said angle components configured to extend horizontally on said floor panels and said ceiling panels.